



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending July 24, 2011

## SHOWERS PROVIDE SOME RELIEF; MORE RAIN IS NEEDED IN MOST AREAS

A high pressure system positioned over Tennessee prevented widespread rainfall this week; however, crops received some relief from afternoon and evening rainfall. Crops remain in mostly good condition, especially for late July. Crops were beginning to show stress at week’s end from the extreme temperatures and inadequate moisture. Soybeans are blooming and setting pods at a pace about a week to ten days behind the five-year average. Cotton is setting bolls at a pace almost a week behind the five-year average. Field activities this week included spraying for insect and disease control, topping tobacco, and harvesting hay.

There were 6 days suitable for fieldwork across the state. Topsoil moisture levels were rated 6 percent very short, 27 percent short, 64 percent adequate and 3 percent surplus. Subsoil moisture levels were rated 4 percent very short, 23 percent short, 71 percent adequate and 2 percent surplus. Temperatures averaged several degrees above normal over all of Tennessee last week. Rainfall averaged below normal across the state.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2010	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Silking	94	85	98	96	Corn	0	2	17	54	27
Corn – Dough	51	25	71	56	Cotton	0	1	18	66	15
Corn – Dent	8	n/a	29	16	Pastures	1	8	30	50	11
Cotton – Squaring	93	86	97	98	Soybeans	0	1	16	64	19
Cotton – Setting Bolls	47	24	62	64	Tobacco	0	3	21	61	15
Soybeans – Blooming	59	42	73	71						
Soybeans – Setting Pods	25	13	43	43						
Tobacco – Topped	29	16	27	27						

n/a = not available

### County Agent Comments

*“Just having ideal weather conditions for crops. Farmers are applying timely sprays for insects and disease. Overall, conditions are good for Lauderdale County Producers.”*  
**J.C. Dupree, Jr., Lauderdale County**

*“The farmers in Fayette County are starting to need a rain. It did not rain this week. Producers sprayed for pests, raked and baled hay. Crops look good but, as stated, we need a rain.”*  
**Jeffery D. Via, Fayette County**

*“Weather conditions this week were similar to last weeks. Once again, scattered showers provided some areas of the county with adequate amounts of rainfall. The overall condition of most pastures remains very good as they are still holding onto a nice green color.”*  
**David Cook, Davidson County**

*“Things are beginning to dry out quick. Very little rain for the last 10 days and hot temperatures are really beginning to stress row crops. A lot of forage producers are getting second hay cutting this week.”*  
**Kevin Rose, Giles County**

*“Heat continues to be a major problem with field crops and livestock.”*  
**Ricky Skillington, Marshall County**

*“We need rain. Pastures are drying up and soybeans are beginning to hurt.”*  
**Larry Moorehead, Moore County**

*“Good Johnson grass growth is providing very good second cutting hay in many fields. Hot conditions were relieved by heavy downpours over most of the county. Timely rains are keeping pastures green.”*  
**David K. Glover, Smith County**

*“We’ve had spotty rains. Hot temps are stressful on crops and livestock. There has been some twisting of corn. Late beans are struggling.”*  
**Ruth Correll, Wilson County**

*“Farmers were busy this week cutting hay and spraying beans with herbicides and fungicides. The corn yield potential looks excellent. The bulk of the full season soybeans are blooming and setting pods. Wheat beans are off to a good start especially where they are getting good moisture. Hay producers are getting a second cutting when weather allows. This is the best pastures have looked in six years.”*  
**Ed Burns, Franklin County**

*“Most were glad to see the rain, some have second cutting of hay down.”*  
**Scott Chadwell, Putnam County**

*“Hot, dry conditions with minimal rainfall have silage producers looking to start harvesting this week.”*  
**Kim Frady, Bradley County**

*“Spotty showers have helped struggling corn and soybeans. Pastures are extremely weedy due to heat and moisture. Livestock are struggling due to extreme heat. Fly problems are abundant with many cases of pink-eye reported.”*  
**John Goddard, Loudon County**

*“Extreme 90 degree plus temperatures continue to dry ground and stress livestock.”*  
**Chris Ramsey, Sullivan County**

TEMPERATURES AND PRECIPITATION

For week ending: July 24, 2011 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 24, 2011				Current Week 7/24/11	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	97	67	83	4	0.38	1	36.14	4.76	23.62	6.01
Brownsville_TN	97	73	84	5	0.00	0	41.00	9.60	28.42	10.82
Covington	96	71	82	3	0.00	0	38.68	7.63	26.99	9.62
Dyersburg	99	72	84	4	0.00	0	34.68	4.99	21.51	4.64
Huntingdon_Wate	95	71	83	5	0.00	0	41.02	9.88	26.71	9.33
Jackson_Exp_Stn	97	71	83	5	0.00	0	39.83	8.51	27.99	9.95
Lexington_TN	96	71	82	4	0.00	0	34.72	4.41	23.19	6.07
Martin	98	73	85	7	0.00	0	43.04	11.74	26.59	8.53
Memphis_AG	99	73	85	3	0.45	1	38.38	7.93	26.76	9.80
Milan	97	70	83	6	0.00	0	43.21	11.18	29.26	10.85
Paris	95	71	82	5	0.00	0	44.10	13.77	28.11	11.29
Savannah_6SW	95	69	82	3	0.02	2	39.05	4.90	24.51	5.82
Selmer	95	70	83	5	0.08	1	37.65	3.71	25.32	6.62
Union_City	95	72	83	5	0.00	0	40.82	10.24	25.65	8.25
Middle										
Clarksville_Sew	96	71	83	6	0.79	1	44.10	14.56	29.69	13.80
Cookeville	93	67	80	5	2.06	4	46.34	12.89	29.87	11.45
Crossville_AP	89	67	78	5	0.36	1	38.56	5.50	23.91	5.87
Dickson_AG	94	68	80	3	0.35	1	36.97	5.09	21.80	3.93
Dover_1W	96	71	83	6	0.00	0	46.17	15.34	29.58	12.65
Fayetteville_TN	94	67	81	5	1.02	2	39.16	6.81	22.48	5.41
Jamestown	90	66	78	5	1.47	3	45.86	13.71	28.21	9.90
Kingston_Spring	98	70	83	7	0.00	0	32.24	1.87	19.15	2.75
Lawrenceburg_FI	95	68	82	6	0.59	3	34.77	1.60	20.89	3.54
Lewisburg	95	66	80	4	1.52	2	38.82	5.94	23.56	5.26
Linden	95	69	82	6	0.40	3	38.03	4.90	25.19	7.05
Livingston_WLIV	93	68	80	5	1.82	3	44.87	13.89	25.78	8.32
Murfreesboro_5N	96	68	82	4	0.97	1	35.65	4.39	21.67	4.19
Nashville_Metro	97	71	84	5	0.65	1	31.92	3.77	19.47	3.56
Oneida	92	66	79	6	0.71	4	47.21	14.92	28.38	9.96
Portland_TN	95	72	83	7	0.07	1	39.71	9.00	23.67	6.26
Pulaski_Water_P	93	67	80	2	1.19	1	42.89	10.20	28.10	10.80
Shelbyville	94	69	82	4	2.66	3	42.96	10.22	26.59	8.73
Sparta_TN	94	68	81	6	1.35	2	43.07	10.48	27.39	9.37
Springfield	95	70	83	6	1.13	2	37.70	8.15	23.43	6.75
Springhill	98	65	82	6	0.88	1	30.67	-2.19	18.31	0.06
Tulahoma	92	68	80	3	0.12	1	36.94	3.00	22.91	4.94
East										
Chattanooga/Lov	95	71	84	6	0.01	1	35.89	4.14	17.50	1.48
Cleveland_6NNE	94	69	82	6	0.01	1	30.05	-2.66	15.62	-1.53
Dayton	94	69	81	5	0.12	1	36.03	2.96	19.33	2.28
Erwin_1W	90	64	78	6	0.69	4	31.07	1.80	19.56	1.80
Gatlinburg_2SW	89	63	77	5	1.04	4	38.61	5.12	24.16	4.61
Greeneville	93	66	79	4	0.26	2	27.51	1.87	16.89	1.94
Kingston_AG	94	70	82	7	0.38	1	36.51	1.91	20.06	1.54
Knoxville_AP	96	72	83	7	0.43	2	30.13	1.27	16.17	0.63
Newcomb	96	67	80	7	1.64	5	40.18	7.89	25.67	7.25
Norris_4NE	92	67	79	4	0.60	2	37.03	5.88	20.48	3.22
Tri-City_RGNL_A	94	66	80	6	2.47	2	29.65	5.19	16.90	2.81

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.

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